915-013.003

PATENT

Proposed Class:

Subclass:

NOTE:

"All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand comer of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129." M.P.E.P. § 601, 7th ed.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Aki NIEMI

WARNING: 37 C.F.R.§ 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(l) is filed supplying or changing the name or names of the inventor or inventors."

For (title): A Method and an Apparatus for Enhancing Messaging

CERTIFICATION UNDER 37 C.F.R. § 1.10*

(Express Mail label number is mandatory) (Express Mail certification is optional.)

I hereby certify that this New Application Transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date, July 11, 2003, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EV 252883179 US, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

> Margery B. Hood (type or print name of person mailing paper)

Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" **WARNING:** mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

1. Type of Application This new application is for a(n) (check one applicable item below) ☑ Original (nonprovisional) □ Design ☐ Plant WARNING: "Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. § 37(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application. WARNING: Do not use this transmittal for the filing of a provisional application. If one of the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION. □ Divisional Continuation □ Continuation-in-part (C-I-P)

2. Benefit of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. § 112. Each prior application must also be:

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designated the United States of America; or
- (ii) Complete as set forth in § 1.51(b); or
- (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or
- (iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(l) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120,121 or 365(c). (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 199, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

WARNING:		G:	When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).						
	_		The new application being transmitted claims the benefit of prior U.S application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.						
3.	Pap	ers	Enclosed						
	<u>11</u>	1.18 Pa	quired for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 53 (Design) Application ges of specification ges of claims eets of drawings						
	WAI	RNIN	DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 57-62).						
	NOTE:		"Identifying indicia, if provided, should include the application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm (5/8 inch) down from the top of the page" 37 C.F.R. § 1.84(c)).						
			(complete the following, if applicable)						
			The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. § 1.84(b).						
			The enclosed drawing(s) are in color. Three (3) sets of color drawings and a "PETITION TO ACCEPT COLOR DRAWING(S)" are attached. 37 C.F.R. §§ 1.84(a)(2) and 1.84(b).						
			formal informal						
	B. Oth		er Papers Enclosed						
	 O Pages of declaration and power of attorney 1 Pages of abstract O Other 								
4.	Add	ditio	onal papers enclosed						
			endment to claims						
	the fili		filing fee. (At least one original independent claim must be retained for g purposes.)						
		bee	d the claims shown on the attached amendment. (Claims added have en numbered consecutively following the highest numbered original ims.)						

		Preliminary Amendment								
		Information Disclosure Statement (37 C.F.R. § 1.98)								
		Form PTO-1449 (PTO/SB/08A and 08B)								
		Citations								
		Dec	Declaration of Biological Deposit							
		am	endr	sion of "Sequence Listing," computer readable copy and/or ment pertaining thereto for biotechnology invention containing ide and/or amino acid sequence						
				zation of Attorney(s) to Accept and Follow Instructions from entative						
		Spe	ecial	Comments						
		Oth	er							
5	Dag	clar	atio	a or eath (including newer of attorney)						
5. Dec		A newly executed declaration is not required in a continuation or divisional application provided that the prior nonprovisional application contained a declaration as required, the application being filed is by all or fewer than all the inventors named in the prior application, there is no new matter in the application being filed, and a copy of the executed declaration filed in the prior application (showing the signature or an indication thereon that it was signed) is submitted. The copy must be accompanied by a statement requesting deletion of the names of person(s) who are not inventors of the application being filed. If the declaration in the prior application was filed under § 1.47, then a copy of that declaration must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning person under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must be filed. See 37 C.F.R. §§ 1.63(d)(1)-(3).								
NOTE:		whice give resid	A declaration filed to complete an application must be executed, identify the specification to which it is directed, identify each inventor by full name including family name and at least one given name, without abbreviation together with any other given name or initial, and the residence, post office address and country or citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 C.F.R. § 1.63(a)(1)-(4).							
NOTE:		decl oath appl to § is fil	"The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.62, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(l) is filed supplying or changing the name or names of the inventor or inventors." 37 C.F.R. § 1.41(a)(1).							
			End	closed						
			Exe	ecuted by						
				(check all applicable boxes)						
				inventor(s).						
				legal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43.						
				joint inventor or person showing a proprietary interest on behalf of entor who refused to sign or cannot be reached.						
				This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F. R. § 1.47 is also attached. See item 13 below for fee.						
		X	Not	Enclosed						

NOT	TE:	com Appl may	re the filing is a completion in the U.S. of an International Application or where the pletion of the U.S. application contains subject matter in addition to the International ication, the application may be treated as a continuation or continuation-in-part, as the case be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT PRIOR U.S. APPLICATION CLAIMED.			
			☐ Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of <i>all</i> the above named inventor(s).			
(The	decl	aration or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) can be filed subsequently).			
			☐ Showing that the filing is authorized. (not required unless called into question. 37 C.F.R. § 1.41(d))			
6.	Inv	ento	rship Statement			
WARNING		NG: If the named inventors are each not the inventors of all the claims an explanation, includir the ownership of the various claims at the time the last claimed invention was made, shou be submitted.				
The	e inv	ento	rship for all the claims in this application is:			
	×	The	same.			
			or			
			the same. An explanation, including the ownership of the various claims ne time the last claimed invention was made,			
			is submitted.			
			will be submitted			
7.	Lar	ngua	ge			
NO	TE:	Engi	application including a signed oath or declaration may be filed in a language other than ish. An English translation of the non-English language application and the processing fee 130.00 required by 37 C.F.R. § 1.17(k) is required to be filed with the application, or within time as may be set by the Office. 37 C.F.R. § 1.52(d).			
		×	English Non English			
			☐ The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d).			
8.	Ass	sign	ment			
		\boxtimes	An assignment of the invention to Nokia Corporation			
			☐ is attached. A separate ☐ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached.			
			☑ will follow.			
NO	TE:		n assignment is submitted with a new application, send two separate letters-one for the ication and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).			

(New Application Transmittal [4-1] page 5 of 11)

WARNIN	IG:			RTIFICATE UND lication is filed by				
				divisional ap				
						Reel_		
						Frame	e	
9. Ce	rtifie	d Copy						
Ce	rtified	d copy(ies)) of applic	ation(s)				
Co	untry	,		Appl	n. No.			Filed
Со	untry	,		Appl	n. No.			Filed
from w	hich	priority is c	claimed:					
		is (are) at						
NOTE: NOTE:	or de This pare unde item OF I	eclaration. 37 item is for a nt U.S. appl or 35 U.S.C. 18 on the A PRIOR U.S. A	C.F.R. § 1. any foreign lication or II. § 120 is itsi ADDED PAC APPLICATIO	,	the app cation f rity from	lication being from which thi a prior foreig	filed directly re is application on application, t	elates. If any claims benefit hen complete
Α.	X	Regul	lar applica	ation				
				CLAIMS AS	FILEC)	***	
Numbe	er file	d		Number Extr	a	Rate	37 C.F.R.	asic Fee § 1.16(a) \$750.00
Total C (37 C.F		s } 1.16(c))	17 -20 =	0	×	\$18.00 =		
		t Claims } 1.16(b))	6 - 3 =	3	×	\$84.00 =		<u> </u>
		endent cla			+	\$280.00	-	.02.00
		Amendme Fee for ex	ent deletir ktra claims	ing extra claim g multiple-dep s is not being p	ender paid at	ncies is encl this time.		
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		Filing	Fee Calo	ulation			\$	1,002.00

(New Application Transmittal [4-1] page 6 of 11)

	В.	П		application 0 – 37 C.F.	R. § 1.16(f	·))		
					ng Fee Ca			\$
	C.		Plant a	pplication				
			(\$480.0	0 - 37 C.F.F	R. § 1.16(g))		
				Fill	ng Fee Ca	lculation		5
11. Sm	all I	Entit	y State	ment(s)				
			ent(s) th (are) att		filing by a	small entity (under 3	7 C.F.R. §§ 1.9 and
WARNIN	G:	whice pate which has divis 1.53 entite appliant to the in the desired which will be seen a constant appliant to the desired which the constant appliant appl	th the stant does in the are directly been established by the control of the cont	tus is available not affect any ctly or indirect any cablished. The ontinuation-in-je filing of a reismall entity staiming benefit a reissue app the nonprovisht in the prior pplication or in payment of the	e and desired other applica by dependent of refiling of part (including assue applications the co- under 35 L lication may li- tional application of the patent of small entity	d. Status as a ation or patent, upon the application an application a continued tion requires a rontinuing or reist. S.C. § 119(e) rely on a statem ion or the reissur in the patent o and status as	small en including cation or punder § prosecutionew determinessue application in the control of	a application or patent in tity in one application or applications or patents patent in which the status 1.53 as a continuation, it ion application under § imination as to continued ication. A nonprovisional 21, or 365(c) of a prior in the prior application or of the statement entity is still proper and will be treated as such a
WARNIN	G:	state	ement car	status must no u nequivocal y 1996 (empha	l y make the i	hed when the prequired self-ce	person or rtification.	persons signing the " M.P.E.P., § 509.03, 6 th
				(compl	ete the foll	owing, if app	licable)	
			Status	as a small e	ntity was c	laimed in pri	or appli	cation
			henefit	/is being clai	, filed	l on is applicatior	under:	, from which
				U.S.C. § □		is application	i unuer.	
			00		120,			
					121, 365(c),			
			and	_		all entity is s	till prope	er and desired.
				A copy of t	he stateme	ent in the pric	or applic	ation is included.
				Filing Fee	Calculation	(50% of A ,	B, or C	above)
						\$		
NOTE:	a	re file	d within 2		date of time	ly payment of a		ent and a refund request The two-month period is
12. Red	que	st fo	r Intern	ational-Typ	e Search	(37 C.F.R. §	1.104(c	1))
				(con	nplete, if ap	oplicable)		
						search repo e merits take		is application at the

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13. Fee Payment Being Made at This Time ■ Not Enclosed No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. § 1.16(e) can be paid subsequently.) □ Enclosed □ Filing fee \$ ___ □ Recording assignment (\$40.00 - 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING **NEW APPLICATION.")** Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached. (\$130.00 - 37 C.F.R. §§ 1.47 and 1.17(i)) ☐ For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k)) Processing and retention fee (\$130.00, 37 C.F.R. §§ 1.52(d) and 1.21(l)) ☐ Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e)) 37 C.F.R. § 1.21(I) establishes a fee for processing and retaining any application that is abandoned for failing to complete the application pursuant to 37 C.F.R. § 1.53(f) and this, as well NOTE: as the changes to 37 C.F.R. §§ 1.53 and 1.78(a)(1), indicate that in order to obtain the benefit of a prior U.S. application, either the basic filing fee must be paid, or the processing and retention fee of § 1.21(I) must be paid, within 1 year from the notification under § 53(f). Total fees enclosed 14. Method of Payment of Fees □ Attached is a □ check □ money order in the amount of \$_____ □ Authorization if hereby made to charge the amount of \$_____ to Deposit Account No. ___ to credit card as shown on the attached credit card information authorization form PTO-2038 Charge any additional fees required by this paper or credit any overpayment

NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid. 37 C.F.R. § 1.22(b).

the manner authorized above. A duplicate of this transmittal is attached.

15. Authorization t Charge Additional Fees

WARNING:		If no fees are to be paid on filing, the following items should <u>not</u> be completed.						
WARNING:		Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.						
		The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No						
		☐ 37 C.F.R. § 1.16(a), (f), or (g) (filing fees) ☐ 37 C.F.R. § 1.16(b), (c), and (d) (presentation of extra claims)						
NOTE:	pres the 1.16	ause additional fees for excess or multiple dependent claims not paid on filing or on later entation must only be paid or these claims canceled by amendment prior to the expiration of time period set for response by the P.T.O. in any notice of fee deficiency (37 C.F.R. § (d)), it might be best not to authorize the P.T.O. to charge additional claim fees, except sibly when dealing with amendments after final action.						
		☐ 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)						
		☐ 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a))						
		☐ 37 C.F.R. § 1.17 (application processing fees)						
WARNING:		"A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).						
		☐ 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))						
NOTE:	mail	ere an authorization to charge the issue fee to a deposit account has been filed before the ing of a Notice of Allowance, the issue fee will be automatically charged to the deposit ount at the time of mailing the Notice of Allowance. 37 C.F.R. § 1.311(b).						
NOTE:	to sr is be n	C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement mall entity status must be filed in the application prior to paying, or at the time of paying, . sue fee." From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must made even if the fee is paid as "other than a small entity" and (b) no notification is required if change is to another small entity.						

16. Instructions as to Overpayment

		• •
NOTE:	a re	Amounts of twenty-five dollars or less will not be returned unless specifically requested within easonable time, nor will the payer be notified of such amounts; amounts over twenty-five ars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 6(a).
		Credit Account No
		Refund

Date: July 11, 2003

Reg. No. 27,550

Tel. No. (203) 261-1234

Customer No. 004955

SIGNATURE OF PRACTITIONER

Alfred A. Fressola

(type or print name of practitioner

Ware, Fressola, Van Der Sluys & Adolphson, LLP

P.O. (Correspondence) Address

Building Five, Bradford Green 755 Main Street, P.O. Box 224 Monroe, CT 06468

	Inc	orporation by reference f added pages					
	(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.)						
		U.S. Application(s) Claimed					
		Number of pages added					
		Plus Added Pages for Papers Referred to in Item 4 Above					
		Number of pages added					
		Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.					
		Number of pages added					
		Plus "Assignment Cover Letter Accompanying New Application"					
		Number of pages added					
×	Sta	itement Where No Further Pages Added					
		(if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item.					
	X	This transmittal ends with this page.					